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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/833,607	04/13/2001	Peter Dam Nielsen	367.39878X00	3735

20457 7590 01/18/2006

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EXAMINER

PILLAI, NAMITHA

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 01/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/833,607

Applicant(s)

NIELSEN ET AL.

Examiner

Namitha Pillai

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 October 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 10-33 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 10-33 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 April 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. This Office action is responsive to the Request for Continued Examination (RCE) filed under 37 CFR §1.53(d) on 10/28/05. Applicants have properly set forth the RCE, which has been entered into the application, and an examination on the merits follows herewith. The Examiner acknowledges Applicant's amendments to claims 10, 12-14, 16-27 and the addition of new claims 28-33. All pending claims have been rejected over prior arts, where text wrapping, customization of a display through menu selection is well known in the word processing field, wherein these word processing features carried out within a mobile terminal display is obvious.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 16, 23, 24 and 26 are rejected for reciting the limitation "a user", whereas the independent claims also recite "a user". There is insufficient antecedent basis for this limitation in the claim. It is not clear whether "a user" of these dependent rejected claims is the same as "a user" referred to in the independent claims from which these claims are depending or another "user".

Claim Rejections - 35 USC § 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

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3. Claims 31-33 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The claims are directed to a non-functional descriptive material by claiming an "electromagnetic signal embodied in a carrier wave" without providing a proper functional and structural interrelationship.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 10-33 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6, 209, 009 B1 (Schwartz et al.), herein referred to as Schwartz and "NEDIT 5.0" (Edel et al.), herein referred to as NEDIT.

Referring to claim 10, Schwartz discloses a mobile terminal with a browser display means where information elements are displayed on the display of the mobile terminal (column 1, lines 17-20). Schwartz even further discloses that information elements that are displayed include elements that are longer than the width of display screen of the mobile terminal. Schwartz does not disclose specific teachings of providing a continuous and wrapped length items in a menu structure for customizing displayed elements. NEDIT discloses a method for displaying information including elements, where an element is either one of a continuous length element presenting a length which is equal to or greater than a horizontal size of a display and a wrapped length element presenting a horizontal length which is less than the horizontal size of

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the display (page 33, lines 11-18), where the reference to the text that wraps at the right margin and the text that extends past the margin represents both the elements described in the claims. NEDIT discloses that the display further provides a user interface including a menu structure of items displayed on the display (page 32, lines 23-25). The Preference menu of NEDIT provides options including a selectable continuous length item and a wrapped length item, which can be chosen from the menu displayed as display options (page 33, lines 11-18). NEDIT discloses that these menu options allow for the user to edit the currently displayed window, where according to the wrap options provided, selecting one of the continuous length item and wrapped length item would lead to the displaying of the text information according to the selection of the display option made in the Preferences menu (page 33, lines 11-18). The menu providing these two options, allow for the toggle or selection between continuous length item and the wrapped length item, where the user could select could switch commands based on selection made. NEDIT discloses that when the continuous length item is selected, it causes the element to be displayed as the continuous length element on a single line, where the element extends past the margin and the display and when the wrapped length item is selected, the element is displayed on a plurality of lines, with the text being wrapped and displayed in multiple lines on the display (page 33, lines 11-18). It would have been obvious for one skilled in the art, at the time of the invention to disclose providing a menu structure of display options for displaying elements in continuous and wrapped length formats. Schwartz discloses a mobile terminal display with information elements that are displayed that are longer than the width of the screen

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without any customization process for manipulating the elements to a desired layout, wherein further pointing the need for mode customization for displaying information in a limited display (column 1, lines 17-20). The NEDIT terminal editor along with its customization options allows for the information to be displayed as per the capabilities of the display. Schwartz would have been motivated to learn from NEDIT to implement a customization process that could customize data based on the limited capabilities of a mobile terminal display. Hence, one skilled in the art, at the time of the invention would have been motivated to learn from NEDIT to implement a customization process that could customize data based on the limited capabilities of a mobile terminal display.

Referring to claims 11 and 15, Schwartz and NEDIT disclose that the information displayed is alphanumerical signs (NEDIT, page 33, lines 17-18).

Referring to claims 12, 16, 29 and 32, Schwartz and NEDIT do disclose that the continuous length element is arranged to be horizontally displayed on the mobile terminal display, where the single line represents a horizontally displayed element (NEDIT, page 33, lines 13-15), where the line extending past the right margin of a display represents a horizontal element. Schwartz and NEDIT do not specifically disclose the scrolling process for viewing a single line that extends past the right margin of the display. It is notoriously well known, in the art, at the time of the invention, horizontal scrolling is arranged over the terminal display to allow the user to view portions of a continuous length element that are not visible on the display due to continuous length extending beyond a margin of the display. Examiner takes Official Notice of this teaching. It would have been obvious for one skilled in the art, at the time

of the invention to include such scrolling means. This common scrolling process is known and used in various text editors including the most basic and well known Notepad text editors commonly used in Windows applications. Text editors including Notepad and Microsoft Word have provided this well-known feature, where users are provided with horizontal scrolling for viewing elements that extend beyond the right margin of the display, for viewing of elements that are not visible.

Referring to claims 13, 17, 30 and 33, Schwartz and NEDIT disclose that the wrapped element is arranged to split the elements into parts, each of the parts fitting in the size of the display and to feed parts in a vertical direction over the display, each time a length of the wrapped length element is greater than a width of the display (Schwartz, Figures 1 and column 1, lines 40-44).

Referring to claim 14, Schwartz discloses a mobile phone terminal with a browser display means where information elements are displayed on the display of the mobile terminal (column 1, lines 17-25). Schwartz discloses a display for displaying the information (column 1, lines 15-17). Schwartz even further discloses that information elements that are displayed include elements that are longer than the width of display screen of the mobile terminal. Schwartz does not disclose specific teachings of providing a continuous and wrapped length items in a menu structure for customizing displayed elements. NEDIT discloses a method for displaying information including elements, where an element is either one of a continuous length element presenting a length which is equal to or greater than a horizontal size of a display and a wrapped length element presenting a horizontal length which is less than the horizontal size of

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the display (page 33, lines 11-18), where the reference to the text that wraps at the right margin and the text that extends past the margin represents both the elements described in the claims. NEDIT discloses that the display further provides a user interface including a menu structure of items displayed on the display (page 32, lines 23-25). The Preference menu of NEDIT provides options including a selectable continuous length item and a wrapped length item, which can be chosen from the menu displayed as display options (page 33, lines 11-18). NEDIT discloses that these menu options allow for the user to edit the currently displayed window, where according to the wrap options provided, selecting one of the continuous length item and wrapped length item would lead to the displaying of the text information according to the selection of the display option made in the Preferences menu (page 33, lines 11-18). The menu providing these two options, allow for the toggle or selection between continuous length item and the wrapped length item, where the user could select could switch commands based on selection made. NEDIT discloses that when the continuous length item is selected, it causes the element to be displayed as the continuous length element on a single line, where the element extends past the margin and the display and when the wrapped length item is selected, the element is displayed on a plurality of lines, with the text being wrapped and displayed in multiple lines on the display (page 33, lines 11-18). It would have been obvious for one skilled in the art, at the time of the invention to disclose providing a menu structure of display options for displaying elements in continuous and wrapped length formats. Schwartz discloses a mobile terminal display with information elements that are displayed that are longer than the width of the screen

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without any customization process for manipulating the elements to a desired layout, wherein further pointing the need for mode customization for displaying information in a limited display (column 1, lines 17-20). The NEDIT terminal editor along with its customization options allows for the information to be displayed as per the capabilities of the display. Schwartz would have been motivated to learn from NEDIT to implement a customization process that could customize data based on the limited capabilities of a mobile terminal display. Hence, one skilled in the art, at the time of the invention would have been motivated to learn from NEDIT to implement a customization process that could customize data based on the limited capabilities of a mobile terminal display.

Referring to claim 18, Schwartz discloses a mobile phone terminal for displaying information via a browser (column 1, lines 17-25). Schwartz discloses a display for displaying the information (column 1, lines 15-17). Schwartz even further discloses that information elements that are displayed include elements that are longer than the width of display screen of the mobile terminal. Schwartz does not disclose specific teachings of providing a continuous and wrapped length items in a menu structure for customizing displayed elements. NEDIT discloses a method for displaying information including elements, where an element is either one of a continuous length element presenting a length which is equal to or greater than a horizontal size of a display and a wrapped length element presenting a horizontal length which is less than the horizontal size of the display (page 33, lines 11-18), where the reference to the text that wraps at the right margin and the text that extends past the margin represents both the elements described in the claims. NEDIT discloses that the display further provides a user

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interface including a menu structure of items displayed on the display (page 32, lines 23-25). The Preference menu of NEDIT provides options for selecting types including a selectable continuous length item and a wrapped length item, which can be chosen from the menu displayed as display options (page 33, lines 11-18). NEDIT discloses selecting a first type of elements to be displayed as a continuous length item and a second type of elements to be displayed as a wrapped length item, which is chosen from the display as display options of the menu (page 33, lines 11-18). NEDIT discloses that these menu options allow for the user to edit the currently displayed window, where according to the wrap options provided, selecting one of the continuous length item and wrapped length item would lead to the displaying of the text information according to the selection of the display option made in the Preferences menu (page 33, lines 11-18). NEDIT discloses that when the continuous length item is selected, it causes the element to be displayed as the continuous length element on a single line, where the element extends past the margin and the display and when the wrapped length item is selected, the element is displayed on a plurality of lines, with the text being wrapped and displayed in multiple lines on the display (page 33, lines 11-18). It would have been obvious for one skilled in the art, at the time of the invention to disclose providing a menu structure of display options for displaying elements in continuous and wrapped length formats. Schwartz discloses a mobile terminal display with information elements that are displayed that are longer than the width of the screen without any customization process for manipulating the elements to a desired layout, wherein further pointing the need for mode customization for displaying information in a

limited display (column 1, lines 17-20). The NEDIT terminal editor along with its customization options allows for the information to be displayed as per the capabilities of the display. Schwartz would have been motivated to learn from NEDIT to implement a customization process that could customize data based on the limited capabilities of a mobile terminal display. Hence, one skilled in the art, at the time of the invention would have been motivated to learn from NEDIT to implement a customization process that could customize data based on the limited capabilities of a mobile terminal display.

Referring to claims 19-27, Schwartz and NEDIT discloses displaying the menu structure by the interface on the mobile terminal, where allowing a user to select from the menu having one of continuous length item and the wrapped length item by providing an input choosing one of the options through the display menu for indicating the selection of one of the continuous length item and the wrapped length item (NEDIT, page 33, lines 11-18). NEDIT discloses that these menu options allow for the user to edit the currently displayed window, where according to the wrap options provided, selecting one of the continuous length item and wrapped length item would lead to the displaying of the text information according to the selection of the display option made in the Preferences menu (page 33, lines 11-18).

Referring to claim 28, Schwartz discloses a computing system including program instructions stored in a computer for execution (column 13, lines 35-45). Schwartz discloses a mobile phone terminal for displaying information via a browser (column 1, lines 17-25). Schwartz discloses a display for displaying the information (column 1, lines 15-17). Schwartz even further discloses that information elements that are

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displayed include elements that are longer than the width of display screen of the mobile terminal. Schwartz does not disclose specific teachings of providing a continuous and wrapped length items in a menu structure for customizing displayed elements. NEDIT discloses a method for displaying information including elements, where an element is either one of a continuous length element presenting a length which is equal to or greater than a horizontal size of a display and a wrapped length element presenting a horizontal length which is less than the horizontal size of the display (page 33, lines 11-18), where the reference to the text that wraps at the right margin and the text that extends past the margin represents both the elements described in the claims. NEDIT discloses that the display further provides a user interface including a menu structure of items displayed on the display (page 32, lines 23-25). The Preference menu of NEDIT provides options for selecting types including a selectable continuous length item and a wrapped length item, which can be chosen from the menu displayed as display options (page 33, lines 11-18). NEDIT discloses that these menu options allow for the user to edit the currently displayed window, where according to the wrap options provided, selecting one of the continuous length item and wrapped length item would lead to the displaying of the text information according to the selection of the display option made in the Preferences menu (page 33, lines 11-18). The menu providing these two options, allow for the toggle or selection between continuous length item and the wrapped length item, where the user could select could switch commands based on selection made. NEDIT discloses that when the continuous length item is selected, it causes the element to be displayed as the continuous length

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element on a single line, where the element extends past the margin and the display and when the wrapped length item is selected, the element is displayed on a plurality of lines, with the text being wrapped and displayed in multiple lines on the display (page 33, lines 11-18). It would have been obvious for one skilled in the art, at the time of the invention to disclose providing a menu structure of display options for displaying elements in continuous and wrapped length formats. Schwartz discloses a mobile terminal display with information elements that are displayed that are longer than the width of the screen without any customization process for manipulating the elements to a desired layout, wherein further pointing the need for mode customization for displaying information in a limited display (column 1, lines 17-20). The NEDIT terminal editor along with its customization options allows for the information to be displayed as per the capabilities of the display. Schwartz would have been motivated to learn from NEDIT to implement a customization process that could customize data based on the limited capabilities of a mobile terminal display. Hence, one skilled in the art, at the time of the invention would have been motivated to learn from NEDIT to implement a customization process that could customize data based on the limited capabilities of a mobile terminal display.

Referring to claim 31, Schwartz discloses that the mobile terminal has capabilities for receiving an electromagnetic signal embodied in a carrier wave, wherein carrying out the function through instructions provided (column 4, lines 10-20). Schwartz discloses a mobile terminal with a browser display means where information elements are displayed on the display of the mobile terminal (column 1, lines 17-20). Schwartz

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even further discloses that information elements that are displayed include elements that are longer than the width of display screen of the mobile terminal. Schwartz does not disclose specific teachings of providing a continuous and wrapped length items in a menu structure for customizing displayed elements. NEDIT discloses a method for displaying information including elements, where an element is either one of a continuous length element presenting a length which is equal to or greater than a horizontal size of a display and a wrapped length element presenting a horizontal length which is less than the horizontal size of the display (page 33, lines 11-18), where the reference to the text that wraps at the right margin and the text that extends past the margin represents both the elements described in the claims. NEDIT discloses that the display further provides a user interface including a menu structure of items displayed on the display (page 32, lines 23-25). The Preference menu of NEDIT provides options including a selectable continuous length item and a wrapped length item, which can be chosen from the menu displayed as display options (page 33, lines 11-18). NEDIT discloses that these menu options allow for the user to edit the currently displayed window, where according to the wrap options provided, selecting one of the continuous length item and wrapped length item would lead to the displaying of the text information according to the selection of the display option made in the Preferences menu (page 33, lines 11-18). The menu providing these two options, allow for the toggle or selection between continuous length item and the wrapped length item, where the user could select could switch commands based on selection made. NEDIT discloses that when the continuous length item is selected, it causes the element to be displayed as the

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continuous length element on a single line, where the element extends past the margin and the display and when the wrapped length item is selected, the element is displayed on a plurality of lines, with the text being wrapped and displayed in multiple lines on the display (page 33, lines 11-18). It would have been obvious for one skilled in the art, at the time of the invention to disclose providing a menu structure of display options for displaying elements in continuous and wrapped length formats. Schwartz discloses a mobile terminal display with information elements that are displayed that are longer than the width of the screen without any customization process for manipulating the elements to a desired layout, wherein further pointing the need for mode customization for displaying information in a limited display (column 1, lines 17-20). The NEDIT terminal editor along with its customization options allows for the information to be displayed as per the capabilities of the display. Schwartz would have been motivated to learn from NEDIT to implement a customization process that could customize data based on the limited capabilities of a mobile terminal display. Hence, one skilled in the art, at the time of the invention would have been motivated to learn from NEDIT to implement a customization process that could customize data based on the limited capabilities of a mobile terminal display.

Response to Arguments

5. Applicant's arguments filed 10/28/05 have been fully considered but moot in view of the new ground(s) of rejection.

Conclusion

6. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach the method for displaying continuous and wrapped length elements.

Responses to this action should be submitted as per the options cited below: The United States Patent and Trademark Office requires most patent related correspondence to be: a) faxed to the Central Fax number (571-273-8300) b) hand carried or delivered to the Customer Service Window (located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314), c) mailed to the mailing address set forth in 37 CFR 1.1 (e.g., P.O. Box 1450, Alexandria, VA 22313-1450), or d) transmitted to the Office using the Office's Electronic Filing System.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Namitha Pillai whose telephone number is (571) 272-4054. The examiner can normally be reached on 8:30 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (571) 272-4048.

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published

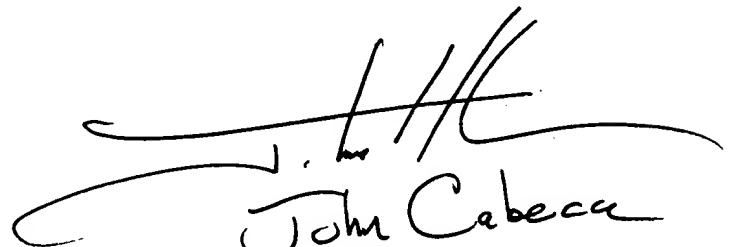
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in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG
89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Namitha Pillai
Assistant Examiner
Art Unit 2173
January 5, 2006



John Cabece
SPE, AU 2173